

PFOA Regulations

Known Federal Regulations Restricting Use regarding Pollution Prevention

- 40CFR721, Subpart E- Significant New Uses for Specific Chemical Substances, 721.9582 requires reporting of manufacturing, importing, or processing of specific identified chemicals except: (3) Manufacturing (including importing) or processing of any chemical substance listed in Table 2 and Table 3 of paragraph (a)(1) of this section for the following specific uses shall not be considered as a significant new use subject to reporting under this section:
 - (i) Use as an anti-erosion additive in fire-resistant phosphate ester aviation hydraulic fluids.
 - (ii) Use as a component of a photoresist substance, including a photo acid generator or surfactant, or as a component of an anti-reflective coating, used in a photomicrolithography process to produce semiconductors or similar components of electronic or other miniaturized devices.
 - (iii) Use in coating for surface tension, static discharge, and adhesion control for analog and digital imaging films, papers, and printing plates, or as a surfactant in mixtures used to process imaging films.
 - (iv) Use as an intermediate only to produce other chemical substances to be used solely for the uses listed in paragraph (a)(3)(i), (ii), or (iii) of this section.(4) Manufacturing (including importing) or processing of tetraethylammonium perfluorooctanesulfonate (CAS No. 56773-42-3) for use as a fume/mist suppressant in metal finishing and plating baths shall not be considered as a significant new use subject to reporting under this section. Examples of such metal finishing and plating baths include: Hard chrome plating; decorative chromium plating; chromic acid anodizing; nickel, cadmium, or lead plating; metal plating on plastics; and alkaline zinc plating.
<https://www.gpo.gov/fdsys/pkg/CFR-2014-title40-vol31/xml/CFR-2014-title40-vol31-sec721-9582.xml>
- 40CFR63, Subpart N- National Emission Standards for Chromium Emissions From Hard and Decorative Chromium electroplating and Chromium Anodizing Tanks; restricts use of perfluorooctane sulfonic acid (PFOS) for chromium electroplating and chromium anodizing tanks per 63.340(c), yet does not restrict use in rinse tanks, etching tanks, and cleaning tanks.
<https://www.ecfr.gov/cgi-bin/text-idx?SID=43048fb36373b593755c5f404f0db854&mc=true&node=sp40.11.63.n&rgn=div6>